

TYPICAL
BEVEL PLATE



PART SECTION THRU
BEVEL PLATE

PART PLAN

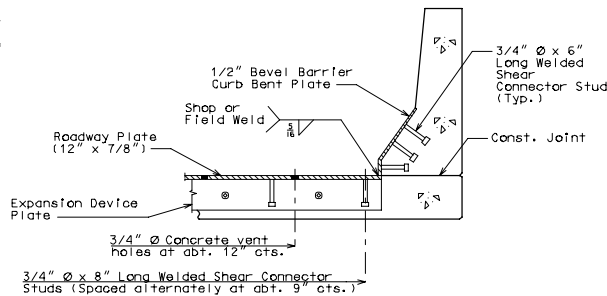
Note: Concrete vent holes not shown for clarity.

The diagram is a side view of a concrete vent hole assembly. It shows a vertical pipe with a flange at the top. The flange has a diameter of 6 inches and is 6 inches thick. The pipe has an outer diameter of 6 inches and a wall thickness of 1/2 inch. The pipe is connected to a concrete structure. The concrete structure has a top surface that is 4 inches thick. The pipe is secured to the concrete with two 13/16 inch diameter machine bolts and nuts, spaced 3/4 inch apart. The bolts are 6 inches long. The concrete structure has a vertical leg of angle that is 12 inches wide and 7/8 inch thick. The vertical leg of angle has two 13/16 inch diameter holes spaced 1-1/2 inches apart. The holes are placed parallel to the roadway. The concrete structure has a horizontal leg of angle that is 12 inches wide and 7/8 inch thick. The horizontal leg of angle has two 13/16 inch diameter holes spaced 1-1/2 inches apart. The holes are placed parallel to the roadway. The concrete structure has a vertical leg of angle that is 12 inches wide and 7/8 inch thick. The vertical leg of angle has two 13/16 inch diameter holes spaced 1-1/2 inches apart. The holes are placed parallel to the roadway. The concrete structure has a horizontal leg of angle that is 12 inches wide and 7/8 inch thick. The horizontal leg of angle has two 13/16 inch diameter holes spaced 1-1/2 inches apart. The holes are placed parallel to the roadway.

Dimensions and Callouts:

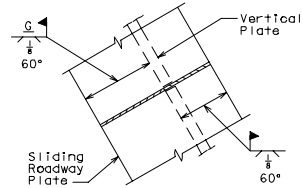
- Top Flange: 6" x 6" x 5/8" with two 13/16" x 1-1/2" horizontal slotted holes for 3/4" machine bolts.
- Vertical Pipe: 6" x 6" x 5/8" with two 13/16" x 1-1/2" vertical slotted holes in the vertical leg of angle.
- Concrete Structure: 4" thick top surface, 12" x 7/8" plate.
- Fasteners: 2-8 Bar 3/4" x 3/4" x 8" Long Welded Shear Connector Studs (Spaced alternately at abt. 3" c/s. (Typ.).
- Angles: 6" x 6" x 5/8" with two 13/16" x 1-1/2" slotted holes placed parallel to roadway.
- Flange: 6" x 6" x 5/8" with two 13/16" x 1-1/2" horizontal slotted holes for 3/4" machine bolts.
- Vertical Leg of Angle: 12" x 7/8" plate.
- Horizontal Leg of Angle: 12" x 7/8" plate.
- Dimensions: 4 1/2", 2 3/4", 4", 3" (Min.), 1/2", 4 3/4" (Min.), 1 1/2" (Min.).

PART SECTION AT END BENT

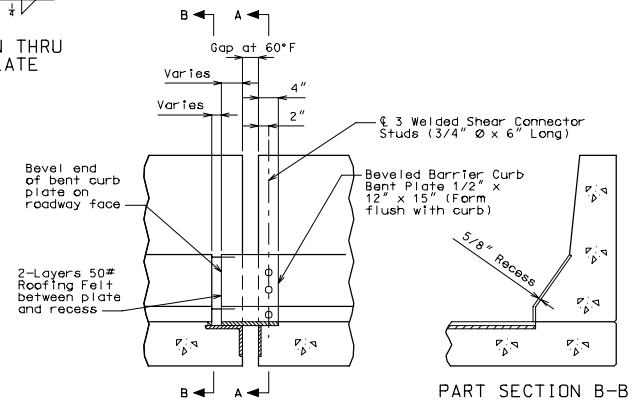


PART SECTION A-A

PERMISSIBLE FIELD SPLICE AT END BENT

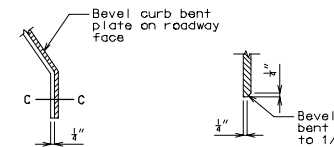


PART PLAN OF
ANGLE AND BAR

PART PLAN ROADWAY PLATE
AND VERTICAL PLATE

PART SECTION B-B

ELEVATION OF BARRIER CURB



PART ELEVATION
AT END OF
BEVELED CURB
BENT PLATE

SECTION C-C

DETAILS OF FLAT PLATE EXPANSION
DEVICE AT END BENT NO.

CREATED IN
MICROSTATION